BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer Yelahanka Division

Name of Project: Consultancy Services for Preparation of DPR for the work of Improvements to roads, drains and other developmental works in Maruthinagara ward no- 01 under SWM head in Chief Minister Nava Nagarothan grants of Yelahanka division.(Package-05)

a) Improvements to roads at Maruthinagara 1st main and cross roads in kempegowda ward no -01 of yelahanka Sub division.
b) Improvements road at Maruthinagara 2nd main and cross roads in kempegowda ward no -01 of yelahanka sub division.
c) Improvements to roads at Maruthinagara 3rd main and cross roads in kempegowda ward no -01 of yelahanka sub division.
d) Improvements to roads and drains at Vinivink Shastry layout in kempegowda ward no-01 of yelahanka sub division.
e)Drilling of borewell and providing pipe line in kempegowda ward no -01 of yelahanka Sub division.
f)Improvements to balance road and drian at KHB colony and surrounding areas in kempegowda ward no -01 of yelahanka Sub division.

Abstract Cost Estimate

Sl. No.	Description	Unit	Quantity							Total Rate	Amount
			GO SI NO-82	GO SI NO-83	GO SI NO-84	GO SI NO-85	GO SI NO-87	GO SI NO-98	Total Qty.		
	1	2	3	4	5	6	7	8	9	10	11.00
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 Page No.143. Item No.19.14	cum	621.11	604.80	837.20	789.60	0.00	0.00	2852.71	125.59	358271.85
2	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No. KBS 2.1 (a) I 2.3.5 page no 6	cum	487.01	1537.04	1594.75	710.52	0.00	1548.43	5877.75	399.07	2345633.69
3	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per sepecification .MORTH Specification NO.301KBS Page No.144 Item No.19.2	cum	303.75	0.00	192.50	0.00	0.00	0.00	496.25	36.04	17884.85
4	KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No.13 Item No.4.7	cum	84.15	244.95	220.60	125.22	0.00	251.43	926.35	5627.54	5213071.68

67	KSRB 2-2.2 - Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinery soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5(Page No.5 , Item No.2.4,PW,P & IWTD SR 2018-19)	cum	0	0	0	0	459.00	0	459.00	316.94	145475.46
68	KSRRB 13-9: Providing and fixing to wall ceiling and floor high density polyethylene pipes 6.00Kgf/sqm.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of materials, labour charges, HOM and testing complete as per Specifications. Specification No. KBS 13.2.15.2/13.9, KSRB 13-9.4 -do-63mm dia (Page no.94, Item No.13.73.2)	Rmt	0	0	0	0	840.00	0	840.00	394.32	331228.80
69	KSRRB M400- Wet Mix Macadam KSRRB M400-17 Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	cum	0	0	0	0	75.60	0	75.60	2001.28	151296.77
70	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications (Page No.6 Item No. 2.10)PW,P&IWTD SR 2018-19	Cum	0	0	0	0	459.00	0	459.00	213.06	97794.54
									Sub total		83199888.86
									11.9 % GST		9983986.66
									DPR and PMC 2%		1663997.78
									Tender premium 6 %		4991993.33
									Miscellaneous & Rounding off		160133.37
									Total Amount		100000000.00

Administrative Sanction for Rs. 1 Crore only
is accorded under head 2018-19 Chief Minister Akshaya Nagarothana grama
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/YHK/AS/95/2019-20 Dt. 7-3-2020
Executive Engineer

CERTIFICATE:

1 The work spot has been inspected by me and the work is found to be necessary.
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2018-2019.
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Assistant Engineer
Yelahanka Sub Division
BBMP

Assistant Executive Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

AARIN ASSOCIATES BANGALORE

67	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinery soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5(Page No.5 , Item No.2.4,PW,P & IWTD SR 2018-19)	cum	459.00	316.94	Three Hundred Sixteen Rupees And Ninety Four Paisa Only	145475.46
68	KSRRB 13-9: Providing and fixing to wall ceiling and floor high density polyethylene pipes 6.00Kgf/sqm.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of materials, labour charges, HOM and testing complete as per Specifications. Specification No. KBS 13.2.15.2/13.9, KSRB 13-9.4 : -do-63mm dia (Page no.94, Item No.13.73.2)	Rmt	840.00	394.32	Three Hundred Ninety Four Rupees And Thirty Two Paisa Only	331228.8
69	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	cum	75.60	2001.28	Two Thousand One Rupees And Twenty Eight Paisa Only	151296.768
70	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications (Page No.6 Item No. 2.10)PW,P&IWTD SR 2018-19	Cum	459.00	213.06	Two Hundred Thirteen Rupees And Six Paisa Only	97794.54
					Sub total	83199888.86
					12 % GST	9983986.663
					DPR and PMC 2%	1663997.78
					tender premum 6 %	4991993.33
					Miscellaneous & Rounding off	160133.37
					Total Amount	100000000.00

Technical Sanction
Accorded For RS 10.00.00
Head of A/C Annex III-5
CER NO : 818 Dt: 08.11.2019

TA CE (YNK)

Assistant Engineer
Yelahanka Sub Division
BBMP

Assistant ExecutiveEngineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

BANSAL ASSOCIATES